

PATENTS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Akira Suyama, et al.

**Examiner:** Unassigned

**Serial No.:** 10/712,715

**Art Unit:** 1634

**Filed:** November 13, 2003

**Docket:** 14683Z

**For:** METHOD OF DETECTING  
NUCLEIC ACID

**Dated:** November 22, 2004

**Confirmation No.:** 2123

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

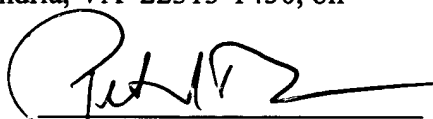
1. PCT International Publication No. WO 95/27078, published October 12, 1995;
2. United States Patent No. 5,514,543, dated May 7, 1996 to Grossman et al.;
3. PCT International Publication No. WO 96/15271, published May 23, 1996;

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 22, 2004.

Dated: November 22, 2004



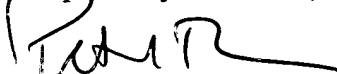
Peter I. Bernstein

4. PCT International Publication No. WO 97/45559, published December 4, 1997; and
5. European Patent Application No. EP 0 867 506 A1, published September 30, 1998.

The references were cited in a Supplementary Search Report received from the European Patent Office, dated October 29, 2004. Applicants are submitting copies of the above-cited references, together with a copy of the Search Report. Please note that United States Patent No. 5,800,994 to Arruda et al.; PCT International Publication No. WO 98/04746; T. C. H. Hsuih, et al., "Novel, Ligation-Dependent PCR Assay for Detection of Hepatitis C Virus in Serum", *Journal of Clinical Microbiology* 34(3):501-507 (1996); PCT International Publication No. WO 99/42614; and PCT International Publication No. WO 99/35287 were previously cited in an Information Statement Disclosure dated November 13, 2003. The relevance of the above-identified references has been described in the Search Report.

Further, the undersigned hereby states that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,



Peter I. Bernstein

Registration No.: 43,497

Scully, Scott, Murphy & Presser  
400 Garden City Plaza-Suite 300  
Garden City, New York 11530  
(516) 742-4343  
PIB:dg

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE  <div style="text-align: center;"> <b>LIST OF PRIOR ART CITED BY APPLICANT</b> </div> <div style="text-align: center; margin-top: 10px;"> <i>(Use several sheets if necessary)</i> </div> <div style="position: absolute; left: 0; top: 50px; width: 150px; height: 150px; border: 2px solid black; border-radius: 50%; text-align: center; line-height: 150px; font-size: 12px;">             OIPE JC95              NOV 2 4 2004              PATENT &amp; TRADEMARK OFFICE           </div>		<b>Atty. Docket No. (Optional)</b>  16483Z	<b>Application Number</b>  10/712,715				
<b>Applicant(s)</b> Akira Suyama, et al.							
<b>Filing Date</b> November 13, 2003		<b>Group Art Unit</b> 1634					
<b>U.S. PATENT DOCUMENTS</b>							
<b>EXAMINER INITIAL*</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE (if appropriate)</b>
	AA	5,514,543	5/7/96	Grossman et al.			
	AB						
	AC						
	AD						
	AE						
<b>FOREIGN PATENT DOCUMENTS</b>							
	<b>REF</b>	<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>TRANSLATION</b>
							<b>YES</b> <b>NO</b>
		WO 95/27078	12/12/95	PCT			
		WO 96/15271	5/23/96	PCT			
		WO 97/45559	12/4/97	PCT			
		EP 0 867 506 A1	9/30/98	Europe			
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

IFW

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))					Docket No. <b>14683Z</b>	
In Re Application Of: <b>Akira Suyama, et al.</b>						
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.	
10/712,715	November 13, 2003	Unassigned	23389	1634	2123	
Title: <b>METHOD OF DETECTING NUCLEIC ACID</b>						
<div style="display: flex; justify-content: space-between; align-items: center;"><div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center; width: 15%;">O I P NOV 24 2004 JCS TRADEMARK OFFICE</div><div><p>Address to:</p><p><b>Commissioner for Patents</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b></p><p><b>37 CFR 1.97(b)</b></p><p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p><p style="text-align: center;"><b>37 CFR 1.97(c)</b></p><p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p><div style="margin-left: 40px;"><p><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p><p style="text-align: center;"><b>OR</b></p><p><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p></div></div></div>						

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
14683Z

In Re Application: Akira Suyama, et al.

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/712,715	November 13, 2003	Unassigned	23389	1634	2123

Title:

**METHOD OF DETECTING NUCLEIC ACID**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 19-1013/SSMP as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

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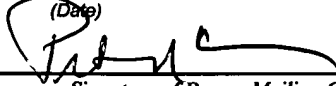
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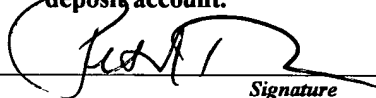
November 22, 2004  
\_\_\_\_\_  
(Date)

  
Signature of Person Mailing Correspondence

Peter I. Bernstein

\_\_\_\_\_  
Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.

  
Signature

Dated: November 22, 2004

Peter I. Bernstein  
Registration No. 43,497  
Scully, Scott, Murphy & Presser  
400 Garden City Plaza, Suite 300  
Garden City, New York 11530  
516-742-4343

CC: